

EXECUTIVE SUMMARY

Date Summary Prepared: June 21, 2010

Mine Name: Lake Point Quarry	I.D. Number: M/049/0076
Operator: Ames Construction Inc.	Date Original Notice Received: April 13, 2010
Address: 3737 West 2100 South West Valley City, UT 84120	County: Utah
	New/Existing: Status changing from SMO to LMO
	Mineral Ownership: Fee
Contact Person: Lennie Boteilho	Surface Ownership: Fee
Telephone: (801) - 977-8088	Lease No.(s): None

Life of Mine: 5 plus years

Legal Description: East 1/2 of the Southeast 1/4 of the Southwest 1/4, and the West 1/2 of the Southwest 1/4 of the Southeast 1/4 of Section 30, Township 6 South, Range 1 East, SLBM, Utah County, Utah

Mineral(s) to be Mined: Limestone, aggregates

Acres to be Disturbed: 29.6 acres

Present Land Use: Grazing, wildlife habitat, mining

Postmining Land Use: Grazing, wildlife habitat

Variances from Reclamation Standards (Rule R647) Granted: No variances were requested or granted.

Soils and Geology

Soil Description: Two soil types exist within the permit area, the Amtoft-Rock Outcrop Complex and the Donnardo Stony Loam. The Amtoft-Rock Outcrop complex occurs on ridges and hillsides. This soil is shallow (10-20 inches to bedrock) and is well drained. The Donnardo soils are on slopes with gradients less than 8 percent, and consist mostly of alluvial fans. These soils are also well drained. Both soils are classified as stony loams.

pH: Soil pH ranges from 7.0 to 8.5.

Special Handling Problems: The operator will salvage an average of four inches of soil material for use as a plant growth medium for reclamation. Soils are low in organic matter. No other major problems exist with the soil resources.

Geology Description: Mississippian-age limestones of the Deseret and Humbug formations, which are overlain by young alluvial fan deposits will be mined. A large normal fault runs through the property.

Hydrology

Ground Water Description: There are seven wells within a one-mile radius of the project. The closest well (3800 feet north), located to the north by the Dyno Nobel facility, has a wellhead at the same elevation as this project. Water was not encountered until 249 feet deep. Other wells show the groundwater level at the same approximate elevation.

Surface Water Description: The only drainage on the permit area is an ephemeral drainage that enters the property at the southwest corner and exits to the northeast. While there is a well-defined channel, it is unnamed. There are no wetlands and the property.

Water Monitoring Plan: There are no plans to monitor surface or ground water resources.

Ecology

Vegetation Type(s); Dominant Species: Vegetation at this site is typical of the Great Basin shrub/steppe community transitioning to pinion/juniper on the western side. Recent fires in the area have destroyed a majority of the natural woodland community, resulting in loss of the typical shrub species and a significant increase in annual invader species. Currently, the site is dominated by cheatgrass and storksbill, however there is still a significant amount of Bluebunch wheatgrass and squirreltail. Other desirable species noted in the vegetation survey include western wheatgrass, rubber rabbitbrush, tall wheatgrass, and gooseberry globemallow. The percent of vegetation ground cover was estimated to be 53%.

Wildlife Concerns: Evidence of eleven species of wildlife was found during surveys of the area. The species identified were typical of arid areas that have limited resources due to low precipitation. While tracks and scat of mule deer were common, no deer were observed. Most avian species appeared to be traveling through the area versus hunting or nesting. No threatened or endangered species were observed. Consultation with the US Fish and Wildlife Resources and the Utah Division of Wildlife Resources identified seven species that could potentially inhabit the area, but no individuals or potential habitats of these species were found on the site.

Surface Facilities: There will be no permanent processing facilities at this site. Portable, or skid-mounted facilities include crushers, conveyors, and screens.

Mining and Reclamation Plan Summary:

During Operations: Unconsolidated material will be moved with dozers and processed through the crushing/screening circuit. Unconsolidated materials will be drilled and blasted before processing. The area will be quarried in such a way that the overall highwall slope will remain at a 1:1 slope or flatter so that no regrading will be required at the time of reclamation. All crushers, screens, etc., are covered under an Air Quality Approval Order with the Division of Air Quality. Fugitive dust will be controlled by water trucks. Processed materials will be stockpiled and loaded into delivery trucks. The processing and stockpile areas will move as the quarry advances. The ephemeral drainage will be re-routed around the disturbed area.

After Operations: All facilities and stockpiled material will be removed from the site, and the ephemeral drainage will be restored to approximately its current location. Slopes will be graded to 3H:1V slopes. Topsoil will be applied to a depth of about five inches on graded slopes and the pit floor, and the soil will be amended as determined by soil analysis at the time of reclamation (it is anticipated that 1,200 lbs/acre of biosol organic fertilizer will be used to amend soils). Compacted areas will be ripped to a depth of 18

inches. The area will be seeded with a mix designed to provide grazing and wildlife habitat for the post mining land use.

Surety

Amount: \$289,494

Form: unknown at this time

Renewable Term: 5 years (2015)

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